

Case 344 : Narrative

| | |
|---|------------------------------|
| Case Vehicle (A): 2000 Chevrolet | Vehicle (B): 2001 Mercury |
| Type: Tahoe LS, 4-door SUV with trailer | Type: Sable LS, 4-door sedan |
| Driver: 29-year-old female | Driver: 62-year-old male |
| CDC: 01-FDEW-3 | CDC: 12-FYEW-3 |

SITUATION

[1](#) [2](#) On a cloudy day, case vehicle (A) was pulling a utility trailer while traveling east at a driver-estimated speed of 55 mph (89 kph) in the eastbound lane of a two-lane asphalt road, in a rural area. The road surface was dry, it was daylight, and the speed limit was 55 mph (89 kph). [3](#) Vehicle (B) was traveling west at an unknown speed in the westbound lane of the same roadway. Vehicle (X) was traveling east in front of case vehicle (A), and vehicle (Y) was traveling east in front of (X). The driver of vehicle (Y) abruptly braked for an animal in the road, causing the driver of vehicle (X) to also brake suddenly. The driver of case vehicle (A) slammed on the brakes, causing the vehicle to skid, and the driver lost control of the vehicle. The vehicle began to jackknife, and it crossed the centerline and entered the westbound lane into the travel path of vehicle (B). The driver of vehicle (B) steered to the right but was unable to avoid a head-on collision with case vehicle (A). During the frontal impact, the front portion of the utility trailer contacted the rear bumper of case vehicle (A) and damaged the trailer hitch and trailer. Both vehicles were towed from the scene.

The police report indicates C-level injuries for the driver of case vehicle (A), who was transported to a local hospital. It also indicates B-level injuries for the driver of vehicle (B), who was transported to a local hospital, and A-level injuries for the right-front passenger of vehicle (B), who was initially transported to a local hospital and subsequently to a trauma center.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[4](#) [5](#) Damage to the front of case vehicle (A) was severe. Direct damage began at the left-front bumper corner and extended 150-cm across the front, resulting in 83% vehicle overlap. The maximum crush was 59 cm at the left-front bumper corner. [6](#) [7](#) There was also direct damage to the rear of the bumper and trailer hitch from contact by the utility trailer that the case vehicle was towing.

[8](#) Damage to the front of vehicle (B) was severe. Direct damage began at the left-front bumper corner and extended 100-cm across the front, resulting in 64% vehicle overlap. The maximum crush was 58 cm at the left-front bumper corner. The front bumper and grille were damaged and pushed rearward into the engine compartment. The left fender was crushed rearward into the wheel and the left wheelbase was reduced 21 cm.

[9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) Using the WinSMASH accident-reconstruction program and c-values measured for both vehicles, the following impact severities were calculated:

| | | Calculated Velocity Change - kph (mph) | | |
|------------------|----------|--|--------------|-------------|
| Vehicle | Variable | Total | Longitudinal | Latitudinal |
| Case Vehicle (A) | EBS | 31 (19) | -29 (-18) | -11 (-7) |
| Vehicle (B) | EBS | 68 (42) | -67 (-41) | 12 (7) |

Case vehicle (A) was equipped with an Event Data Recorder (EDR) that recorded a maximum longitudinal velocity change of -23.48 mph at 120 ms into the event. The EDR data also indicate that the driver seatbelt was buckled, the airbag was not suppressed, and that the brakes were on at the time of the crash.

The vehicle was traveling at 40 mph when the brakes were applied, bringing the vehicle speed down to 32 mph prior to the frontal impact. The output appears to be somewhat low on the WinSMASH, possibly due to the fact that the SUV was pulling a trailer that cannot be accounted for in the WinSMASH program.

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[19](#) In the front, the left and center portions of the bumper were crushed rearward and the right portion of the bumper was pulled out. [20](#) The grille was damaged and the left headlight assembly was broken. The right headlight assembly was displaced, but the glass was not broken. [21](#) The hood was crushed to the rear and up, and the damaged hood latch had released. The left hood hinge was damaged, but not separated, and there was no damage to the right hood hinge. The rear edge of the hood was elevated, but it did not contact the windshield. [22](#) [23](#) The lower-left corner of the windshield was cracked due to deformation of the cowl, and the cracks radiated longitudinally across to the center portion of the windshield.

[24](#) On the left side, the fender was crushed rearward into the left-front wheel, resulting in a flat tire, rim damage, and restriction of wheel rotation. Also, the left-front wheel was pushed rearward causing the left wheelbase to be reduced 30 cm. [25](#) Deformation of the lower portions of the A- and B-pillars caused both left-side doors to be slightly misaligned and jammed closed. [26](#) There was no glazing damage to the left-side windows and there was no damage to the upper portions of the A- and B-pillars. There was no damage to the upper or lower portions of the C- and D-pillars, and there was no damage to the left quarter panel.

[27](#) On the right side, the fender was deformed and shifted to the left. [28](#) There was no damage to the upper or lower portions of the A-, B-, C- and D-pillars, and both right-side doors were undamaged and operable. [29](#) In addition, there was

no right-side glazing damage and there was no damage to the right quarter panel. Both right-side wheels were undamaged and there was no significant change in the right wheelbase.

[30](#) [31](#) [32](#) The rear bumper was bent out and the trailer hitch was broken due to interaction between the case vehicle and its trailer.

Interior

[33](#) Case vehicle (A) was equipped with steering-wheel and dash-mounted frontal-impact airbags, which deployed during the offset-frontal impact. [34](#) [35](#) There was a pink lipstick imprint on the center-left portion of the driver airbag. [36](#) In the driver seating area, there was no damage to the roof, to the roof header, to the sunvisor, or to the left A-pillar, but there was a series of longitudinal cracks in the left portion of the windshield. [37](#) There was no damage to the interior panel of the driver door, [38](#) there was no damage to the steering-wheel rim, and [39](#) there was no rotation of the steering column. The upper and mid portions of the instrument panel in the driver area were not damaged [40](#) [41](#) and there was no damage to the driver knee bolster, but there was a scuff mark on the left portion of the bolster. [42](#) The driver toepan was displaced rearward and [43](#) the accelerator pedal was twisted to the left.

[44](#) In the center-front seating area, there was no damage to the roof or the roof header and there was no damage to the rearview mirror or the [45](#) vertical console. [46](#) In the right-front seating area, there was no damage to the roof, to the windshield header, or to the right A-pillar. [47](#) [48](#) There was no damage to the dash-mounted airbag, to the glove box, or to the floor.

The following intrusion was noted and measured:

| Location | Component | Distance (cm) | Direction |
|------------|-----------|---------------|-----------|
| left front | toeapan | 8 | to rear |

OCCUPANT KINEMATICS AND INJURIES

[49](#) The 5-ft, 7-in, 115-lb 29-year-old female driver was using the [50](#) [51](#) seat-integrated three-point belt, as evidenced by [52](#) webbing load marks on the continuous loop, and the steering-wheel airbag deployed. The driver reportedly had adjusted the seat to a forward track position and had her right foot on the brake pedal at the time of the crash. During the frontal impact, she moved forward relative to the vehicle interior into the belt restraints and airbag. [53](#) Her face contacted the airbag, as evidenced by lipstick on the airbag fabric, but she did not sustain any facial injuries from this contact. She sustained cervical and lumbar strain due to the impact forces, and contusions over the left shoulder and left breast from loading by the shoulder belt. [54](#) She also sustained contusions to the left and right knees from contact with the knee bolster, as indicated by scuffmarks on the knee bolster. She sustained a contusion to the lower aspect of the left leg, probably from contact with the brake pedal, and a contusion to the lower aspect of the right leg, possibly from contact with the accelerator pedal, [55](#) as evidenced by deformation of the pedal.

The following table [56](#) and attached drawing summarize the injuries for the belt-and-airbag restrained driver.

| Occupant: Driver | Age: 29 years | Gender: Female | | |
|---|------------------------------|----------------------|-------------------|----------|
| Restraints: 3-point belt, steering-wheel airbag | Stature: 170 cm (5 ft, 7 in) | Mass: 52 kg (115 lb) | | |
| Injury Description | A.I.S. | Injury Source | | |
| — | — | Definite | Probable | Possible |
| | | | | |
| Cervical strain | 1 | Impact forces | — | — |
| Contusion, over left shoulder | 1 | Shoulder belt | — | — |
| Contusion, over left breast | 1 | Shoulder belt | — | — |
| Lumbar strain | 1 | Impact forces | — | — |
| Contusion, left knee | 1 | Knee bolster | — | — |
| Contusion, right knee | 1 | Knee bolster | — | — |
| Contusion, lower aspect of left leg | 1 | — | Brake pedal | — |
| Contusion, lower aspect of right leg | 1 | — | Accelerator pedal | — |
| Maximum A.I.S. Level | 1 | — | — | — |
| Injury Severity Score | 3 | — | — | — |

CASE NO.: 344-02

CASE VEHICLE: 2000 Chevrolet

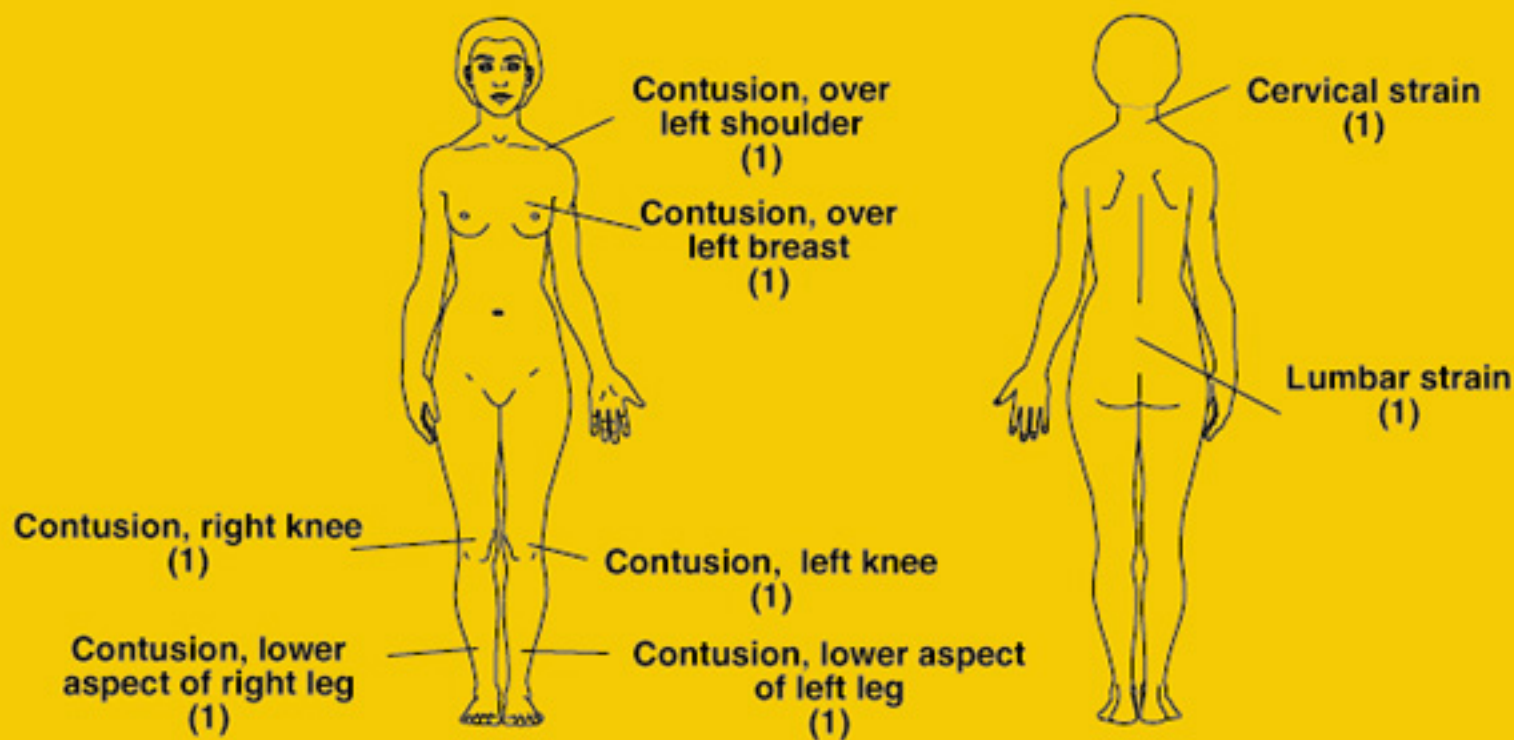
TYPE: Tahoe LS, 4-door SUV

OCCUPANT: (Driver) 29-year-old female

STATURE: 170 cm (5 ft, 7 in) MASS: 52 kg (115 lb)

RESTRAINTS: 3-point belt; steering-wheel airbag

SEVERITY: MAIS - 1 ISS - 3



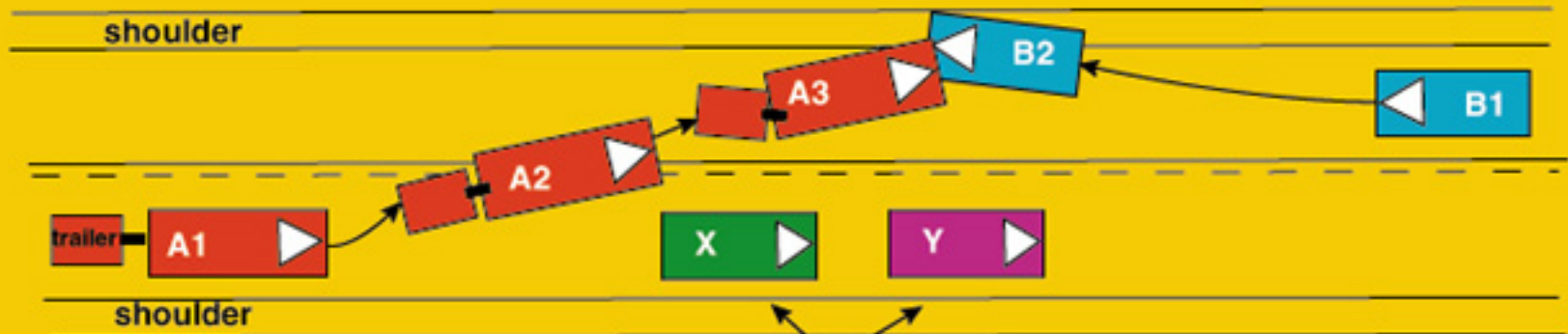
Case No.: 344-02
Case Veh. (A): 2000 Chevrolet
Type: Tahoe LS, 4-door SUV
Driver: 29-year-old female
Vehicle (B): 2001 Mercury Sable LS, 4-door sedan

Weather: **Cloudy**
Road Surface: **Dry**
Road Construction: **Asphalt**
Light Condition: **Daylight**



NORTH

posted speed limit 55 mph (89 kph)



vehicles (X) and (Y)
stopped abruptly for
an animal in the road

Vehicle Report

General

Conditions

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|----------------------|----------------------|
| V206 — Urban/Rural Area | 2 | Rural | more |
| V207 — Limited Access Highway | 0 | No | more |
| V208 — Road Total Lanes | 2 | 2 lanes | more |
| V209 — Intersecting Road Total Lanes | 8 | Not applicable | more |
| V210 — Road Surface Type | 1 | Asphalt | more |
| V211 — Road Defects | 0 | No | more |
| V212 — Construction Zone | 0 | No | more |
| V213 — Road Alignment Vertical Plane | 1 | Level | more |
| V214 — Road Alignment Horizontal Plane | 1 | Straight | more |
| V215 — Surface Covering | 10 | Dry | more |
| V216 — Visibility Limitation | 0 | None | more |
| V217 — Visibility Obstruction | 0 | None | more |
| V218 — Speed Limit | 6 | 86-90 km/h .. 55 mph | more |
| V219 — Precipitation Type | 0 | None | more |
| V220 — Precipitation Rate | 8 | Not applicable | more |
| V221 — Temperature | 9 | Unknown | more |
| V222 — Crosswind | 9 | Unknown | more |
| V223 — Light Conditions | 1 | Daylight | more |
| V224 — Mechanical Malfunction Mention | 0 | No | more |
| V225 — Case Vehicle and Object | 0 | No | more |

| | | | |
|---|----|---------------------------|----------------------|
| V226 — Case Vehicle Rollover | 0 | No | more |
| V227 — Case Vehicle Ran Off Roadway | 0 | No | more |
| V228 — Moving Case Vehicle/Contacted Moving Vehicle | 1 | Yes | more |
| V229 — Case Vehicle/Contacted Stopped Vehicle | 0 | No | more |
| V230 — Stopped Case Vehicle/Contactd Vehicle | 0 | No | more |
| V231 — Total Vehicles Hit By Case Vehicle | 1 | 1 vehicle | more |
| V232 — Any Fire in Crash | 0 | No | more |
| V233 — Max Police Severity-PAR | 3 | A - Incapacitating Injury | more |
| V234 — Driver Alcohol Involvement | 0 | Had not been drinking | more |
| V235 — Driver Alcohol BAC | 80 | Not tested | more |
| V236 — Driver Impairment Mention | 0 | No | more |
| V237 — Driven/Towed From Scene | 2 | Towed Due to Damage | more |

Other Vehicle

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|--------------|--------------------------------|----------------------|
| V301 — Other Vehicle VIN | 1MEFM55S31G6 | — | — |
| V302 — Other Vehicle Manufacturer/Body Code | 12228 | — | — |
| V303 — Other Vehicle Manufacturer | 122 | Lincoln-Mercury | more |
| V304 — Other Vehicle Body Code | 28 | Intermediate 105-109.9 in. wb. | more |
| V305 — Other Vehicle Make/Model | 0959 | Sable | more |
| V306 — Other Vehicle Model Year | 2001 | — | — |
| V307 — Other Vehicle Mass | 001511 kg | — | — |
| V308 — Other Vehicle Number | 1 | Vehicle #1 | more |
| V309 — Other Vehicle Number of Occupants | 02 | — | — |
| V310 — Other Vehicle Traveling Speed | 999 | Unknown | more |
| V311 — Highest Police Injury Severity | 3 | A - Incapacitating Injury | more |
| V312 — Other Vehicle Type | 28 | Intermediate 105-109.9 in. wb. | more |
| V313 — Other Vehicle Wheelbase (cm) | 276 cm | — | — |
| V314 — Average Track Width | 158 cm | — | — |
| V315 — Overall Length | 508 cm | — | — |
| V316 — Overall Width (OAW) | 185 cm | — | — |
| V317 — Front Overhang (FOH) | 106 cm | — | — |
| V318 — Rear Overhang (ROH) | 126 cm | — | — |
| V319 — Undeformed End Width (UEW) | 148 cm | — | — |

| | | | |
|------------------------------------|--------------|---|---|
| V320 — Engine Displacement | 3.0 <i>l</i> | — | — |
| V321 — Engine: Number of Cylinders | 06 | — | — |
| V322 — Direct Damage Length (DDL) | 100 cm | — | — |
| V323 — Front-End Overlap % (FEO) | 68 | — | — |
| V324 — Vehicle Overlap % (VOL) | 64 | — | — |

Case Vehicle

General

| Variable Number and Name | Code Value | Code Description | Other Options |
|------------------------------------|--------------|-------------------------------|----------------------|
| V401 — VIN | 1GNEC13T1YJ1 | — | — |
| V402 — Manufacturer/Body Code | 11315 | — | — |
| V403 — Vehicle Manufacturer | 113 | Chevrolet | more |
| V404 — Vehicle Body Code | 15 | — | — |
| V405 — Make/Model Code | 2950 | — | — |
| V406 — Model Year | 2000 | — | — |
| V407 — Vehicle Mass | 002180 kg | — | — |
| V408 — Odometer Reading | 888888 | — | — |
| V409 — Number of Occupants | 01 | — | — |
| V410 — Traveling Speed | 089 kph | — | — |
| V411 — Body Type | 22 | Large utility (e.g. Suburban) | more |
| V412 — Stolen Vehicle | 8 | Not currently collected | more |
| V413 — Body Structure | 1 | Body and frame | more |
| V414 — Transmission Type | 1 | Automatic | more |
| V415 — Transmission Lever Location | 3 | Column | more |
| V416 — Steering | 1 | Power | more |
| V417 — Brakes | 1 | Power | more |
| V418 — Brake Type | 2 | Disc - front wheels | more |
| V419 — Brake Anti- lock Device | 2 | Four-wheel | more |
| V420 — Air Conditioning in Vehicle | 8 | Not currently collected | more |
| V421 — Drive Type | 1 | Rear wheel | more |
| V422 — Dual Rear Wheels | 0 | No | more |

| | | | |
|---------------------------------------|--------|--------|----------------------|
| V423 — Original Restraint System Type | 3 | Airbag | more |
| V424 — Equipped With Roll Bar | 0 | No | more |
| V425 — Roof Type | 1 | Solid | more |
| V426 — Wheelbase | 298 cm | — | — |
| V427 — Anti-lacerative Glass | 0 | None | more |
| V428 — Average Track Width | 162 cm | — | — |
| V429 — Overall Length | 505 cm | — | — |
| V430 — Overall Width (OAW) | 200 cm | — | — |
| V431 — Front Overhang | 094 cm | — | — |
| V432 — Rear Overhang | 116 cm | — | — |
| V433 — Undeformed End Width (UEW) | 170 cm | — | — |
| V434 — Engine Displacement | 4.6 l | — | — |
| V435 — Engine: Number of Cylinders | 08 | — | — |
| V436 — Direct Damage Length (DDL) | 150 cm | — | — |
| V437 — Front End Overlap % (FEO) | 88 | — | — |
| V438 — Vehicle Overlap % (VOL) | 83 | — | — |

Case Vehicle

Damage

Description

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|--|----------------------|
| V501 — Maximum Crush - Front | 059 cm | — | — |
| V502 — Maximum Crush - Right Side | 000 cm | No crush (or less than 1 cm.) | more |
| V503 — Maximum Crush - Rear | 000 cm | No crush (or less than 1 cm.) | more |
| V504 — Maximum Crush - Left Side | 000 cm | No crush (or less than 1 cm.) | more |
| V505 — Maximum Crush - Roof | 000 cm | No crush (or less than 1 cm.) | more |
| V506 — Maximum Crush - Other | 000 cm | No crush (or less than 1 cm.) | more |
| V507 — Are Events In Chronological Order | 1 | Yes | more |
| V508 — Event 1 Impact Location | 1 | On Roadway | more |
| V509 — Event 1 Impact Configuration | 11 | FRONT of case veh - FRONT of contacted Vehicle | more |
| V510 — Event 1 Object/Vehicle Contacted | 28 | Intermediate 105-109.9 in. wb. | more |
| V511 — Event 2 Impact Location | 8 | No 2nd event | more |
| V512 — Event 2 Impact Configuration | 88 | No 2nd event | more |
| V513 — Event 2 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V514 — Event 3 Impact Location | 8 | No 3rd event | more |
| V515 — Event 3 Impact Configuration | 88 | No 3rd event | more |
| V516 — Event 3 | 00 | No object/vehicle contacted | more |

| | | | |
|--|-----|-------------------------------|----------------------|
| Object/Vehicle Contacted | | | |
| V517 — Event 4 Impact Location | 8 | No 4th event | more |
| V518 — Event 4 Impact Configuration | 88 | No 4th event | more |
| V519 — Event 4 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V520 — Event 5 Impact Location | 8 | No 5th event | more |
| V521 — Event 5 Impact Configuration | 88 | No 5th event | more |
| V522 — Event 5 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V523 — Event 6 Impact Location | 8 | No 6th event | more |
| V524 — Event 6 Impact Configuration | 88 | No 6th event | more |
| V525 — Event 6 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V526 — Event 7 Impact On Road | 8 | No 7th event | more |
| V527 — Event 7 Impact Configuration | 88 | No 7th event | more |
| V528 — Event 7 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V529 — Primary CDC Case Vehicle -event Number | 1 | Event 1 | more |
| V530 — Primary CDC Case Vehicle - impact speed | 999 | Unknown | more |
| V531 — Primary CDC Case Vehicle - Estimated By | 1 | Investigator | more |
| V532 — Primary CDC Case Vehicle -crush | 059 | — | — |
| V533 — Primary CDC Case Vehicle -clock #1 | 01 | 1 o'clock | more |
| V534 — Primary CDC Case Vehicle letter 1 #1 | 06 | F - Front | more |
| V535 — Primary CDC Case Vehicle letter 2 #1 | 04 | D - Distributed (Side or End) | more |

| | | | |
|---|---------|----------------------------------|----------------------|
| V536 — Primary CDC Case Vehicle letter 3 #1 | 05 | E - Everything below belt line | more |
| V537 — Primary CDC Case Vehicle letter 4 #1 | 23 | W - Wide impact area | more |
| V538 — Primary CDC Case Vehicle Extent #1 | 03 | Extent 3 | more |
| V539 — Primary CDC Case Vehicle -CDC #1 | 01FDEW3 | — | — |
| V541 — Primary CDC Case Vehicle letter 1 #2 | 00 | Missing Data/Not applicable | more |
| V542 — Primary CDC Case Vehicle letter 2 #2 | 00 | Missing Data/Not applicable | more |
| V543 — Primary CDC Case Vehicle letter 3 #2 | 00 | Missing Data/Not applicable | more |
| V544 — Primary CDC Case Vehicle letter 4 #2 | 00 | Missing Data/Not applicable | more |
| V545 — Primary CDC Case Vehicle Extent #2 | 00 | Missing Data/Not applicable | more |
| V546 — Primary CDC Case Vehicle -CDC #2 | 9800000 | — | — |
| V547 — Primary CDC Contacted Vehicle - Impact Speed | 999 | Unknown | more |
| V548 — Primary CDC Contacted Vehicle - Estimated By | 1 | Investigator | more |
| V549 — Primary CDC Contacted Vehicle -crush | 058 | — | — |
| V550 — Primary CDC Contacted Vehicle -clock #1 | 12 | 12 o'clock | more |
| V551 — Primary CDC Contacted Vehicle letter 1 #1 | 06 | F - Front | more |
| V552 — Primary CDC Contacted Vehicle letter 2 #1 | 25 | Y - Side or end (F + P or L + C) | more |
| V553 — Primary CDC Contacted Vehicle letter 3 #1 | 05 | E - Everything below belt line | more |
| V554 — Primary CDC Contacted Vehicle letter 4 #1 | 23 | W - Wide impact area | more |
| V555 — Primary CDC Contacted Vehicle Extent #1 | 03 | Extent 3 | more |

| | | | |
|--|---------|---------------------------------------|----------------------|
| V556 — Primary CDC Contacted Vehicle -CDC #1 | 12FYEW3 | — | — |
| V558 — Primary CDC Contacted Vehicle letter 1 #2 | 00 | Missing Data/Not applicable | more |
| V559 — Primary CDC Contacted Vehicle letter 2 #2 | 00 | Missing Data/Not applicable | more |
| V560 — Primary CDC Contacted Vehicle letter 3 #2 | 00 | Missing Data/Not applicable | more |
| V561 — Primary CDC Contacted Vehicle letter 4 #2 | 00 | Missing Data/Not applicable | more |
| V562 — Primary CDC Contacted Vehicle Extent #2 | 00 | Missing Data/Not applicable | more |
| V563 — Primary CDC Contacted Vehicle -CDC #2 | 9800000 | — | — |
| V564 — Secondary CDC Case Vehicle - Event No | 8 | Not applicable | more |
| V565 — Secondary CDC Case Vehicle - Impact Speed | 998 | Not Applicable | more |
| V566 — Secondary CDC Case Vehicle - Estimated By | 8 | Not applicable (no vehicle/no impact) | more |
| V567 — Secondary CDC Case Vehicle -crush | 998 | Not Applicable | more |
| V568 — Secondary CDC Case Vehicle -clock #1 | 98 | Not Applicable | more |
| V569 — Secondary CDC Case Vehicle letter 1 #1 | 00 | Missing Data/Not applicable | more |
| V570 — Secondary CDC Case Vehicle letter 2 #1 | 00 | Missing Data/Not applicable | more |
| V571 — Secondary CDC Case Vehicle letter 3 #1 | 00 | Missing Data/Not applicable | more |
| V572 — Secondary CDC Case Vehicle letter 4 #1 | 00 | Missing Data/Not applicable | more |
| V573 — Secondary CDC Case Vehicle Extent #1 | 00 | Missing Data/Not applicable | more |
| V574 — Secondary CDC Case Vehicle -CDC #1 | 9800000 | — | — |
| V576 — Secondary CDC Case Vehicle letter 1 #2 | 00 | Missing Data/Not applicable | more |
| V577 — Secondary CDC Case Vehicle letter 2 #2 | 00 | Missing Data/Not applicable | more |

| | | | |
|---|---------|---------------------------------------|----------------------|
| V578 — Secondary CDC Case Vehicle letter 3 #2 | 00 | Missing Data/Not applicable | more |
| V579 — Secondary CDC Case Vehicle letter 4 #2 | 00 | Missing Data/Not applicable | more |
| V580 — Secondary CDC Case Vehicle Extent #2 | 00 | Missing Data/Not applicable | more |
| V581 — Secondary CDC Case Vehicle -CDC #2 | 9800000 | — | — |
| V582 — Secondary CDC Contacted Vehicle - Impact Speed | 998 | Not Applicable | more |
| V583 — Secondary CDC Contacted Vehicle - Estimated By | 8 | Not applicable (no vehicle/no impact) | more |
| V584 — Secondary CDC Contacted Vehicle -crush | 998 | Not Applicable | more |
| V585 — Secondary CDC Contacted Vehicle -clock #1 | 98 | Not Applicable | more |
| V586 — Secondary CDC Contacted Vehicle letter 1 #1 | 00 | Missing Data/Not applicable | more |
| V587 — Secondary CDC Contacted Vehicle letter 2 #1 | 00 | Missing Data/Not applicable | more |
| V588 — Secondary CDC Contacted Vehicle letter 3 #1 | 00 | Missing Data/Not applicable | more |
| V589 — Secondary CDC Contacted Vehicle letter 4 #1 | 00 | Missing Data/Not applicable | more |
| V590 — Secondary CDC Contacted Vehicle Extent #1 | 00 | Missing Data/Not applicable | more |
| V591 — Secondary CDC Contacted Vehicle -CDC #1 | 9800000 | — | — |
| V593 — Secondary CDC Contacted Vehicle letter 1 #2 | 00 | Missing Data/Not applicable | more |
| V594 — Secondary CDC Contacted Vehicle letter 2 #2 | 00 | Missing Data/Not applicable | more |
| V595 — Secondary CDC Contacted Vehicle letter 3 #2 | 00 | Missing Data/Not applicable | more |
| V596 — Secondary CDC Contacted Vehicle letter 4 #2 | 00 | Missing Data/Not applicable | more |
| V597 — Secondary CDC Contacted Vehicle Extent #2 | 00 | Missing Data/Not applicable | more |

| | | | |
|---|---------|---|---|
| V598 — Secondary CDC Contacted Vehicle -CDC #2 | 9800000 | — | — |
|---|---------|---|---|

Crash Severity

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|------------|--|----------------------|
| V601 — Case Vehicle Primary Impact Number | 1 | — | — |
| V602 — Primary Impact Total Delta-V | 024 kph | — | — |
| V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V | -023 kph | — | — |
| V604 — Primary Case Vehicle Reconstructed Lateral Delta-V | -008 kph | — | — |
| V605 — Primary Case Vehicle Reconstructed Crush Energy | 0191 kJ | — | — |
| V606 — Primary Impact Case Vehicle -reconstruction | 22 | Reconstructed, moderate confidence level | more |
| V607 — Primary Case Vehicle Reconstruction Mode | 2 | CDC & detailed damage | more |
| V608 — Primary Contacted Vehicle Reconstructed Total Delta-V | 053 kph | — | — |
| V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V | -052 kph | — | — |
| V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V | 0009 kph | — | — |
| V611 — Primary Contacted Vehicle Reconstructed Crush Energy | 0114 kJ | — | — |
| V612 — Case Vehicle Secondary Impact Number | 8 | — | — |
| V613 — Secondary Case Vehicle Reconstructed Total Delta-V | 888 | N/A | more |
| V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V | 8888 | — | — |
| V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V | 8888 | — | — |

| | | | |
|---|----------|--|----------------------|
| V616 — Secondary Case Vehicle Reconstructed Crush Energy | 8888 | — | — |
| V617 — Secondary Case Vehicle Reconstruction Note | 88 | — | — |
| V618 — Secondary Case Vehicle Reconstruction Mode | 8 | Not applicable | more |
| V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V | 888 | N/A | more |
| V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V | 8888 | — | — |
| V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V | 8888 | — | — |
| V622 — Secondary Contacted Vehicle Reconstructed Crush Energy | 8888 | — | — |
| V623 — Case Vehicle Primary Impact Number | 1 | — | — |
| V624 — Primary Case Vehicle Reconstructed Total EBS | 024 kph | — | — |
| V625 — Primary Case Vehicle Reconstructed Longitudinal EBS | -023 kph | — | — |
| V626 — Primary Case Vehicle Reconstructed Lateral EBS | -008 kph | — | — |
| V627 — Primary Case Vehicle Reconstructed Crush Energy | 0191 kJ | — | — |
| V628 — Primary Case Vehicle Reconstruction Note | 22 | Reconstructed, moderate confidence level | more |
| V629 — Primary Case Vehicle Reconstruction Mode | 2 | CDC & detailed damage | more |
| V630 — Primary Contacted Vehicle Reconstruction Total EBS | 053 kph | — | — |
| V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS | -052 kph | — | — |
| V632 — Primary Contacted Vehicle Reconstruction Lateral EBS | 0009 kph | — | — |

| | | | |
|--|---------|----------------|----------------------|
| V633 — Primary Contacted Vehicle Reconstruction Crush Energy | 0114 kJ | — | — |
| V634 — Case Vehicle Secondary Impact Number | 8 | Not applicable | more |
| V635 — Secondary Case Vehicle Reconstruction Total EBS | 888 | N/A | more |
| V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS | 8888 | — | — |
| V637 — Secondary Case Vehicle Reconstruction Lateral EBS | 8888 | — | — |
| V638 — Secondary Case Vehicle Reconstruction Crush Energy | 8888 | — | — |
| V639 — Secondary Case Vehicle Reconstruction Note | 88 | — | — |
| V640 — Secondary Case Vehicle Reconstruction Mode | 8 | Not applicable | more |
| V641 — Secondary Contacted Vehicle Reconstruction Total EBS | 888 | N/A | more |
| V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS | 8888 | — | — |
| V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS | 8888 | — | — |
| V644 — Secondary Contacted Vehicle Reconstruction Crush Energy | 8888 | — | — |
| V645 — Case Vehicle Reconstructed Impact Number | 1 | — | — |
| V646 — Case Vehicle Impact 1 Plane | 1 | Bumper | more |
| V647 — Case Vehicle Impact 1 Direct Damage Length [DDL] | 150 cm | — | — |
| V648 — Case Vehicle Impact 1 Max Crush | 059 cm | — | — |
| V649 — Case Vehicle Impact 1 Field-L | 140 cm | — | — |
| V650 — Case Vehicle Impact 1 C1 | 059 cm | — | — |

| | | | |
|---|---------|----------------|----------------------|
| V651 — Case Vehicle Impact 1 C2 | 058 cm | — | — |
| V652 — Case Vehicle Impact 1 C3 | 056 cm | — | — |
| V653 — Case Vehicle Impact 1 C4 | 058 cm | — | — |
| V654 — Case Vehicle Impact 1 C5 | 007 cm | — | — |
| V655 — Case Vehicle Impact 1 C6 | 000 cm | No Crush | more |
| V656 — Case Vehicle Impact 1 +/- D | 0000 cm | — | — |
| V657 — Case Vehicle Reconstructed Impact Number | 1 | — | — |
| V658 — Case Vehicle Impact 2 Plane | 1 | Bumper | more |
| V659 — Case Vehicle Impact 2 Direct Damage Length [DDL] | 100 cm | — | — |
| V660 — Case Vehicle Impact 2 Max Crush | 058 cm | — | — |
| V661 — Case Vehicle Impact 2 Field-L | 126 cm | — | — |
| V662 — Case Vehicle Impact 2 C1 | 058 cm | — | — |
| V663 — Case Vehicle Impact 2 C2 | 052 cm | — | — |
| V664 — Case Vehicle Impact 2 C3 | 051 cm | — | — |
| V665 — Case Vehicle Impact 2 C4 | 037 cm | — | — |
| V666 — Case Vehicle Impact 2 C5 | 015 cm | — | — |
| V667 — Case Vehicle Impact 2 C6 | 002 cm | — | — |
| V668 — Case Vehicle Impact 2 +/- D | 0000 cm | — | — |
| V669 — Other Vehicle Reconstructed Impact Number | 2 | — | — |
| V670 — Other Vehicle Impact 1 Plane | 8 | Not applicable | more |

| | | | |
|---|------|----------------|----------------------|
| V671 — Other Vehicle Impact 1 Direct Damage Length [DDL] | 998 | Not applicable | more |
| V672 — Other Vehicle Impact 1 Max Crush | 998 | Not applicable | more |
| V673 — Other Vehicle Impact 1 Field-L | 998 | Not applicable | more |
| V674 — Other Vehicle Impact 1 C1 | 998 | Not applicable | more |
| V675 — Other Vehicle Impact 1 C2 | 998 | Not applicable | more |
| V676 — Other Vehicle Impact 1 C3 | 998 | Not applicable | more |
| V677 — Other Vehicle Impact 1 C4 | 998 | Not applicable | more |
| V678 — Other Vehicle Impact 1 C5 | 998 | Not applicable | more |
| V679 — Other Vehicle Impact 1 C6 | 998 | Not applicable | more |
| V680 — Other Vehicle Impact 1 +/- D | 9998 | — | — |
| V681 — Other Vehicle Reconstructed Impact Number | 2 | — | — |
| V682 — Other Vehicle Impact 2 Plane | 8 | Not applicable | more |
| V683 — Other Vehicle Impact 2 Direct Damage Length [DDL] | 998 | Not applicable | more |
| V684 — Other Vehicle Impact 2 Max Crush | 998 | Not applicable | more |
| V685 — Other Vehicle Impact 2 Field-L | 998 | Not applicable | more |
| V686 — Other Vehicle Impact 2 C1 | 998 | Not applicable | more |
| V687 — Other Vehicle Impact 2 C2 | 998 | Not applicable | more |
| V688 — Other Vehicle Impact 2 C3 | 998 | Not applicable | more |
| V689 — Other Vehicle Impact 2 C4 | 998 | Not applicable | more |
| V690 — Other Vehicle Impact 2 C5 | 998 | Not applicable | more |

| | | | |
|--|------|----------------|----------------------|
| V691 — Other Vehicle Impact 2 C6 | 998 | Not applicable | more |
| V692 — Other Vehicle Impact 2 +/- D | 9998 | — | — |

Case Vehicle

Tires & Rims

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|------------|------------------|----------------------|
| V701 — Left Front Wheel Damaged | 1 | Yes | more |
| V702 — Right Front Wheel Damaged | 0 | No | more |
| V703 — Right Rear Wheel Damaged | 0 | No | more |
| V704 — Left Rear Wheel Damaged | 0 | No | more |
| V705 — Left Front Tire Tread Type | 4 | All Weather | more |
| V706 — Right Front Tire Tread Type | 4 | All Weather | more |
| V707 — Right Rear Tire Tread Type | 4 | All Weather | more |
| V708 — Left Rear Tire Tread Type | 4 | All Weather | more |
| V709 — Left Front Carcass Construction | 3 | Radial | more |
| V710 — Right Front Carcass Construction | 3 | Radial | more |
| V711 — Right Rear Carcass Construction | 3 | Radial | more |
| V712 — Left Rear Carcass Construction | 3 | Radial | more |
| V717 — Left Front Tire Size | P24575R16 | — | — |
| V718 — Right Front Tire Size | P24575R16 | — | — |
| V719 — Right Rear Tire Size | P24575R16 | — | — |
| V720 — Left Rear Tire Size | P24575R16 | — | — |

Case Vehicle

Fuel, Tank, Fire

| Variable Number and Name | Code Value | Code Description | Other Options |
|------------------------------------|------------|---|----------------------|
| V801 — Propulsive Fuel Type | 1 | Gasoline | more |
| V802 — Main Tank Location | 322 | Within frame/centered laterally - within vertically | more |
| V803 — Main Filler Cap Location | 113 | Left of frame laterally - above vertically | more |
| V804 — Main Tank Material | 9 | Unknown | more |
| V805 — Aux Tank Type | 8 | Not applicable (not equipped) | more |
| V806 — Aux Tank Location | 888 | Not applicable (not equipped) | more |
| V807 — Aux Filler Cap Location | 888 | Not applicable (not equipped) | more |
| V808 — Aux Tank Material | 8 | Not applicable | more |
| V901 — Fuel Leakage From Crash | 0 | No | more |
| V1001 — Fire In Or On Case Vehicle | 0 | No | more |

Case Vehicle

Exterior

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|------------|---------------------|----------------------|
| V1101 — Hood Latch Released | 1 | Yes | more |
| V1102 — Hood Latch Damaged | 1 | Yes | more |
| V1103 — Hood Latch Jammed | 0 | No | more |
| V1104 — Left Hood Hinge Damaged | 1 | Yes | more |
| V1105 — Left Hood Hinge Separated | 0 | No | more |
| V1106 — Right Hood Hinge Damaged | 0 | No | more |
| V1107 — Right Hood Hinge Separated | 8 | Not applicable | more |
| V1108 — Hood Remained On Vehicle | 1 | Yes | more |
| V1109 — Rear Hood Edge Elevated | 1 | Yes | more |
| V1110 — Edge Contacted Windshield | 0 | No | more |
| V1111 — Edge Penetrated Windshield | 8 | Not applicable | more |
| V1112 — Hood Latch Location | 1 | Front of Vehicle | more |
| V1113 — Eng/Transmissn Mount Separation | 0 | No | more |
| V1114 — Steerng Column Flex Coupling | 9 | Unknown if equipped | more |
| V1115 — Steerng Column Coupling Damaged | 9 | Unknown | more |
| V1116 — Steerng Column Coupling Separated | 9 | Unknown | more |
| V1117 — Eng Comp Telescopng Unit | 88 | Not collected | more |
| V1118 — Comp Orig/Telescopd Diff | 888 | Not collected | more |

| | | | |
|--|---|---------------------------------------|----------------------|
| V1119 — Left Side Body Mount Separation | 0 | No | more |
| V1120 — Upper Left A-pillar Separation | 0 | No | more |
| V1121 — Lower Left A-pillar Separation | 4 | No separation, but damaged | more |
| V1122 — Upper Left B-pillar Separation | 0 | No | more |
| V1123 — Lower Left B-pillar Separation | 4 | No separation, but damaged | more |
| V1124 — Upper Left C-pillar Separation | 0 | No | more |
| V1125 — Lower Left C-pillar Separation | 0 | No | more |
| V1126 — Upper Left D-pillar Separation | 0 | No | more |
| V1127 — Lower Left D-pillar Separation | 0 | No | more |
| V1128 — Left Front Door Opening Cause | 0 | Door did not open | more |
| V1129 — Left Rear Door Opening Cause | 0 | Door did not open | more |
| V1130 — Left Front Door Jammed Closed | 1 | Yes | more |
| V1131 — Left Rear Door Jammed Closed | 1 | Yes | more |
| V1132 — Rear Door Type | 6 | Double door | more |
| V1133 — Rear Door Opening Cause | 0 | Door did not open | more |
| V1134 — Rear Door Jammed Closed | 0 | No | more |
| V1135 — Luggage Partition Damagd | 8 | Not applicable | more |
| V1136 — Spare Tire Status | 8 | Not collected | more |
| V1137 — Trailer Hitch Type | 3 | Bumper and frame (but non-equalizing) | more |
| V1138 — Trailer Type | 4 | Utility trailer | more |
| V1139 — Right Side Body Mount Separation | 0 | No | more |

| | | | |
|--|----|----------------------------|----------------------|
| V1140 — Upper Right A-pillar Separation | 0 | No | more |
| V1141 — Lower Right A-pillar Separation | 0 | No | more |
| V1142 — Upper Right B-pillar Separation | 0 | No | more |
| V1143 — Lower Right B-pillar Separation | 0 | No | more |
| V1144 — Upper Right C-pillar Separation | 0 | No | more |
| V1145 — Lower Right C-pillar Separation | 0 | No | more |
| V1146 — Upper Right D-pillar Separation | 0 | No | more |
| V1147 — Lower Right D-pillar Separation | 0 | No | more |
| V1148 — Right Front Door Opening Cause | 00 | Door did not open | more |
| V1149 — Right Rear Door Opening Cause | 00 | Door did not open | more |
| V1150 — Right Front Door Jammed Closed | 0 | No | more |
| V1151 — Right Rear Door Jammed Closed | 0 | No | more |
| V1152 — Van Rear Door Type | 8 | Not applicable (not a van) | more |
| V1153 — Windshield Cracked | | Yes | more |
| V1154 — Windshield Broken | 0 | No | more |
| V1155 — Windshield Cracked or Broken by Occupant | 0 | No | more |
| V1156 — Bond Separation Extent | 0 | None | more |
| V1157 — Windshield Code | | — | — |
| V1158 — Did Sun/T Roof Open | 8 | Not Applicable | more |

Case Vehicle

Steering

Column/Rim

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|------------|----------------------|----------------------|
| V1201 — Steering Wheel Rim Damage | 0 | None | more |
| V1202 — Number of Steering Wheel Spokes | 4 | 4 spokes | more |
| V1203 — Steering Wheel Spoke Damage | 0 | None | more |
| V1204 — Column Tilt Feature | 3 | Middle | more |
| V1205 — Column Swing-away Feature | 0 | Not equipped | more |
| V1206 — Column Telescoping Feature | 0 | Not equipped | more |
| V1207 — Wheel Energy Absorb Device | 8 | Not collected | more |
| V1208 — Wheel Ea Orig/Damaged Diff | 888 | Not collected | more |
| V1209 — Column Energy Absorb Device | 88 | Not collected | more |
| V1210 — Column Ea Orig/Comprss Diff | 888 | Not collected | more |
| V1211 — Shear Capsule Separation | 888 | Not collected | more |
| V1212 — Column Vertical Rotation | 0 | No apparent rotation | more |
| V1213 — Column Lateral Rotation | 0 | No apparent rotation | more |
| V1214 — Steering Wheel Hub Damage | 0 | None | more |

Case Vehicle Intrusion

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|----------------------------|----------------------|
| V1301 — Occupant Compartment Intrusion | 1 | Yes | more |
| V1302 — Was Intrusion Catastrophic | 0 | No | more |
| V1303 — Intrusion Number 01 | 01 | Intrusion #1 | more |
| V1304 — Intrusion 01 Occupant Space Number | 11 | First row, Left seat | more |
| V1305 — Intrusion 01 Intruding Object | 03 | Toe pan | more |
| V1306 — Intrusion 01 Assoc Event Number | 1 | Event #1 | more |
| V1307 — Intrusion 01 Max Intrusion X-axis | 08 cm | — | — |
| V1308 — Intrusion 01 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1309 — Intrusion 01 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1310 — Intrusion 01 Occupant Number | 00 | No contact or no intrusion | more |
| V1311 — Intrusion 01 Injury Number | 00 | No injury or no intrusion | more |
| V1312 — Intrusion 01 Occupant Number | 00 | No contact or no intrusion | more |
| V1313 — Intrusion 01 Injury Number | 00 | No injury or no intrusion | more |
| V1314 — Intrusion Number 02 | 00 | No Intrusion, None | more |
| V1315 — Intrusion 02 Occupant Space Number | 00 | No Intrusion, None | more |
| V1316 — Intrusion 02 Intruding Object | 00 | No Intrusion, None | more |
| V1317 — Intrusion 02 Assoc | 0 | No Intrusion, None | more |

| | | | |
|--|-------|---|----------------------|
| Event Number | | | |
| V1318 — Intrusion 02 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1319 — Intrusion 02 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1320 — Intrusion 02 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1321 — Intrusion 02 Occupant Number | 00 | No contact or no intrusion | more |
| V1322 — Intrusion 02 Injury Number | 00 | No injury or no intrusion | more |
| V1323 — Intrusion 02 Occupant Number | 00 | No contact or no intrusion | more |
| V1324 — Intrusion 02 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1325 — Intrusion Number 03 | 00 | No Intrusion, None | more |
| V1326 — Intrusion 03 Occupant Space Number | 00 | No Intrusion, None | more |
| V1327 — Intrusion 03 Intruding Object | 00 | No Intrusion, None | more |
| V1328 — Intrusion 03 Assoc Event Number | 0 | No Intrusion, None | more |
| V1329 — Intrusion 03 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1330 — Intrusion 03 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1331 — Intrusion 03 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1332 — Intrusion 03 Occupant Number | 00 | No contact or no intrusion | more |
| V1333 — Intrusion 03 Injury Number | 00 | No injury or no intrusion | more |
| V1334 — Intrusion 03 Occupant Number | 00 | No contact or no intrusion | more |
| V1335 — Intrusion 03 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1336 — Intrusion Number 04 | 00 | No Intrusion, None | more |
| V1337 — Intrusion 04 Occupant Space Number | 00 | No Intrusion, None | more |

| | | | |
|--|-------|---|----------------------|
| V1338 — Intrusion 04 Intruding Object | 00 | No Intrusion, None | more |
| V1339 — Intrusion 04 Assoc Event Number | 0 | No Intrusion, None | more |
| V1340 — Intrusion 04 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1341 — Intrusion 04 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1342 — Intrusion 04 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1343 — Intrusion 04 Occupant Number | 00 | No contact or no intrusion | more |
| V1344 — Intrusion 04 Injury Number | 00 | No injury or no intrusion | more |
| V1345 — Intrusion 04 Occupant Number | 00 | No contact or no intrusion | more |
| V1346 — Intrusion 04 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1347 — Intrusion Number 05 | 00 | No Intrusion, None | more |
| V1348 — Intrusion 05 Occupant Space Number | 00 | No Intrusion, None | more |
| V1349 — Intrusion 05 Intruding Object | 00 | No Intrusion, None | more |
| V1350 — Intrusion 05 Assoc Event Number | 0 | No Intrusion, None | more |
| V1351 — Intrusion 05 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1352 — Intrusion 05 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1353 — Intrusion 05 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1354 — Intrusion 05 Occupant Number | 00 | No contact or no intrusion | more |
| V1355 — Intrusion 05 Injury Number | 00 | No injury or no intrusion | more |
| V1356 — Intrusion 05 Occupant Number | 00 | No contact or no intrusion | more |
| V1357 — Intrusion 05 Injury Number | 99 | Contact, injury unknown or data not collected | more |

| | | | |
|--|-------|---|----------------------|
| V1358 — Intrusion Number 06 | 00 | No Intrusion, None | more |
| V1359 — Intrusion 06 Occupant Space Number | 00 | No Intrusion, None | more |
| V1360 — Intrusion 06 Intruding Object | 00 | No Intrusion, None | more |
| V1361 — Intrusion 06 Assoc Event Number | 0 | No Intrusion, None | more |
| V1362 — Intrusion 06 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1363 — Intrusion 06 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1364 — Intrusion 06 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1365 — Intrusion 06 Occupant Number | 00 | No contact or no intrusion | more |
| V1366 — Intrusion 06 Injury Number | 00 | No injury or no intrusion | more |
| V1367 — Intrusion 06 Occupant Number | 00 | No contact or no intrusion | more |
| V1368 — Intrusion 06 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1369 — Intrusion Number 07 | 00 | No Intrusion, None | more |
| V1370 — Intrusion 07 Occupant Space Number | 00 | No Intrusion, None | more |
| V1371 — Intrusion 07 Intruding Object | 00 | No Intrusion, None | more |
| V1372 — Intrusion 07 Assoc Event Number | 0 | No Intrusion, None | more |
| V1373 — Intrusion 07 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1374 — Intrusion 07 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1375 — Intrusion 07 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1376 — Intrusion 07 Occupant Number | 00 | No contact or no intrusion | more |
| V1377 — Intrusion 07 Injury Number | 00 | No injury or no intrusion | more |
| V1378 — Intrusion 07 | 00 | No contact or no intrusion | more |

| | | | |
|--|-------|---|----------------------|
| Occupant Number | | | |
| V1379 — Intrusion 07 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1380 — Intrusion Number 08 | 00 | No Intrusion, None | more |
| V1381 — Intrusion 08 Occupant Space Number | 00 | No Intrusion, None | more |
| V1382 — Intrusion 08 Intruding Object | 00 | No Intrusion, None | more |
| V1383 — Intrusion 08 Assoc Event Number | 0 | No Intrusion, None | more |
| V1384 — Intrusion 08 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1385 — Intrusion 08 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1386 — Intrusion 08 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1387 — Intrusion 08 Occupant Number | 00 | No contact or no intrusion | more |
| V1388 — Intrusion 08 Injury Number | 00 | No injury or no intrusion | more |
| V1389 — Intrusion 08 Occupant Number | 00 | No contact or no intrusion | more |
| V1390 — Intrusion 08 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1391 — Intrusion Number 09 | 00 | No Intrusion, None | more |
| V1392 — Intrusion 09 Occupant Space Number | 00 | No Intrusion, None | more |
| V1393 — Intrusion 09 Intruding Object | 00 | No Intrusion, None | more |
| V1394 — Intrusion 09 Assoc Event Number | 0 | No Intrusion, None | more |
| V1395 — Intrusion 09 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1396 — Intrusion 09 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1397 — Intrusion 09 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1398 — Intrusion 09 Occupant Number | 00 | No contact or no intrusion | more |

| | | | |
|--|-------|---|----------------------|
| V1399 — Intrusion 09 Injury Number | 00 | No injury or no intrusion | more |
| V1400 — Intrusion 09 Occupant Number | 00 | No contact or no intrusion | more |
| V1401 — Intrusion 09 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1402 — Intrusion Number 10 | 00 | No Intrusion, None | more |
| V1403 — Intrusion 10 Occupant Space Number | 00 | No Intrusion, None | more |
| V1404 — Intrusion 10 Intruding Object | 00 | No Intrusion, None | more |
| V1405 — Intrusion 10 Assoc Event Number | 0 | No Intrusion, None | more |
| V1406 — Intrusion 10 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1407 — Intrusion 10 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1408 — Intrusion 10 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1409 — Intrusion 10 Occupant Number | 00 | No contact or no intrusion | more |
| V1410 — Intrusion 10 Injury Number | 00 | No injury or no intrusion | more |
| V1411 — Intrusion 10 Occupant Number | 00 | No contact or no intrusion | more |
| V1412 — Intrusion 10 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1413 — Door Intrusion Number 01 | 88 | Not Applicable | more |
| V1414 — Door Intrusion Number 01 Cause | 8 | Not applicable | more |
| V1415 — Door Intrusion Number 02 | 88 | Not Applicable | more |
| V1416 — Door Intrusion Number 02 Cause | 8 | Not applicable | more |
| V1417 — Door Intrusion Number 03 | 88 | Not Applicable | more |
| V1418 — Door Intrusion Number 03 Cause | 8 | Not applicable | more |

| | | | |
|---|----|----------------|----------------------|
| V1419 — Door Intrusion 01 Component | 88 | Not Applicable | more |
| V1420 — Door Intrusion 01 Component Damaged 1 | 8 | Not Applicable | more |
| V1421 — Door Intrusion 01 Component Damaged 2 | 8 | Not Applicable | more |
| V1422 — Door Intrusion 02 Component | 88 | Not Applicable | more |
| V1423 — Door Intrusion 02 Component Damaged 1 | 8 | Not Applicable | more |
| V1424 — Door Intrusion 02 Component Damaged 2 | 8 | Not Applicable | more |
| V1425 — Door Intrusion 03 Component | 88 | Not Applicable | more |
| V1426 — Door Intrusion 03 Component Damaged 1 | 8 | Not Applicable | more |
| V1427 — Door Intrusion 03 Component Damaged 2 | 8 | Not Applicable | more |
| V1428 — Door Intrusion 04 Component | 88 | Not Applicable | more |
| V1429 — Door Intrusion 04 Component Damaged 1 | 8 | Not Applicable | more |
| V1430 — Door Intrusion 04 Component Damaged 2 | 8 | Not Applicable | more |

Case Vehicle

Airbag(s)

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|------------------|----------------------|
| V1501 — Driver Airbag Equipped | 1 | Yes | more |
| V1502 — Driver Airbag Deployed | 1 | Yes | more |
| V1503 — Driver Airbag Condition | 0 | No Damage | more |
| V1504 — Passenger Airbag Equip | 1 | Yes | more |
| V1505 — Passenger Airbag Deployed | 1 | Yes | more |
| V1506 — Passenger Airbag Condition | 0 | No Damage | more |
| V1507 — Steering Wheel Airbag Tether | 1 | Yes | more |
| V1508 — Driver Airbag Marked By Contact | 1 | Yes | more |
| V1509 — Passenger Airbag Tether | 0 | No | more |
| V1510 — Passenger Airbag Marked By Contact | 0 | No | more |

Case Vehicle

Interior

| Variable Number and Name | Code Value | Code Description | Other Options |
|--------------------------------------|------------|------------------|----------------------|
| V1601 — Left Front Door Damaged | 0 | No | more |
| V1602 — Right Front Door Damaged | 0 | No | more |
| V1603 — Left Front Hardware Damaged | 0 | No | more |
| V1604 — Right Front Hardware Damaged | 0 | No | more |
| V1605 — Left Front Armrest Damaged | 0 | No | more |
| V1606 — Right Front Armrest Damaged | 0 | No | more |
| V1607 — Left Front Glass Damaged | 0 | No | more |
| V1608 — Right Front Glass Damaged | 0 | No | more |
| V1609 — Left Rear Door Area Damaged | 0 | No | more |
| V1610 — Right Rear Door Area Damaged | 0 | No | more |
| V1611 — Left Rear Hardware Damaged | 0 | No | more |
| V1612 — Right Rear Hardware Damaged | 0 | No | more |
| V1613 — Left Rear Armrest Damaged | 0 | No | more |
| V1614 — Right Rear Armrest Damaged | 0 | No | more |
| V1615 — Left Rear Glass Damaged | 0 | No | more |
| V1616 — Right Rear Glass Damaged | 0 | No | more |
| V1617 — Left Roof Side Rail Damaged | 0 | No | more |
| V1618 — Right Roof Side Rail Damaged | 0 | No | more |
| V1619 — Left B-pillar Damaged | 0 | No | more |

| | | | |
|--------------------------------------|---|----------------------|----------------------|
| V1620 — Right B-pillar Damaged | 0 | No | more |
| V1621 — Left C-pillar Damaged | 0 | No | more |
| V1622 — Right C-pillar Damaged | 0 | No | more |
| V1623 — Left D-pillar Damaged | 0 | No | more |
| V1624 — Right D-pillar Damaged | 0 | No | more |
| V1625 — Left Headlining Damaged | 0 | No | more |
| V1626 — Right Headlining Damaged | 0 | No | more |
| V1627 — Left Roof Structure Damaged | 0 | No | more |
| V1628 — Right Roof Structure Damaged | 0 | No | more |
| V1629 — Left T/Sun Roof Damaged | 8 | Not applicable | more |
| V1630 — Right T/Sun Roof Damaged | 8 | Not applicable | more |
| V1631 — Other Left Side Item Damagd | 8 | Not applicable | more |
| V1632 — Other Right Side Item Damagd | 8 | Not applicable | more |
| V1633 — Foot Controls Damaged | 1 | Yes | more |
| V1634 — Ignition Key Damaged | 0 | No | more |
| V1635 — Rear View Mirror Damaged | 0 | No | more |
| V1636 — Sunvisor/Fitting Damaged | 0 | No | more |
| V1637 — Windshield Molding Damaged | 0 | No | more |
| V1638 — Left A-pillar Damaged | 0 | No | more |
| V1639 — Right A-pillar Damaged | 0 | No | more |
| V1640 — Center Console Damaged | 0 | No | more |
| V1641 — Transmission Lever Damaged | 0 | No | more |
| V1642 — Horn/Spoke Shroud Damagd | 0 | No | more |
| V1643 — Upper Panel Damaged | 0 | No | more |
| V1644 — Mid Panel Damaged | 0 | No | more |
| V1645 — Lower Panel Damaged | 3 | No, occupant contact | more |

| | | | |
|--|---|----------------|----------------------|
| V1646 — Ashtray Damaged | 0 | No | more |
| V1647 — Control Knob/Lever Damaged | 0 | No | more |
| V1648 — Glove Compartment Area Damaged | 0 | No | more |
| V1649 — Instruments Damaged | 0 | No | more |
| V1650 — Park Brake Release Damaged | 0 | No | more |
| V1651 — Park Brake Pedal Damaged | 0 | No | more |
| V1652 — A/C Or Upper Vent Damaged | 0 | No | more |
| V1653 — Heater Or A/C Duct Damaged | 0 | No | more |
| V1654 — Radio Damaged | 0 | No | more |
| V1655 — Other Item Damaged | 8 | Not applicable | more |
| V1656 — Rear Window Damaged | 0 | No | more |
| V1657 — Rear Window Header Damaged | 0 | No | more |
| V1658 — Vertical Console Damaged | 0 | No | more |
| V1659 — Roof Console Damaged | 0 | No | more |

Case Vehicle Seats

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|------------------|----------------------|
| V1701 — Driver Front Seat Type | 05 | Bucket | more |
| V1702 — Passenger Front Seat Type | 05 | Bucket | more |
| V1703 — Driver Seat Mount Type | 1 | Standard | more |
| V1704 — Passenger Seat Mount Type | 1 | Standard | more |
| V1705 — Driver Swivel Mechanism Equipped | 0 | No | more |
| V1706 — Passenger Swivel Mechanism Equipped | 0 | No | more |
| V1707 — Driver Seat Original Equipment | 1 | Yes | more |
| V1708 — Passenger Seat Original Equipment | 1 | Yes | more |
| V1709 — Driver Seat/Rear Occupant Contact | 8 | Not applicable | more |
| V1710 — Passenger Seat/Rear Occupant Contact | 8 | Not applicable | more |
| V1711 — Driver Seat Damage | 0 | None | more |
| V1712 — Passenger Seat Damage | 0 | None | more |
| V1713 — Center Front Armrest Damaged | 0 | No | more |
| V1714 — Driver Seat Rotation | 0 | None apparent | more |
| V1715 — Passenger Seat Rotation | 0 | None apparent | more |
| V1716 — Driver Seat-back Type | 3 | Reclining | more |
| V1717 — Passenger Seat-back Type | 3 | Reclining | more |
| V1718 — Driver Seat-back Lock Type | 1 | Manual | more |

| | | | |
|--|---|----------------|----------------------|
| V1719 — Passenger Seat-back Lock Type | 1 | Manual | more |
| V1720 — Driver Seat-back Lock Held | 1 | Yes | more |
| V1721 — Passenger Seat-back Lock Held | 1 | Yes | more |
| V1722 — Driver Recliner Mechanism Held | 1 | Yes | more |
| V1723 — Passenger Recliner Mechanism Held | 1 | Yes | more |
| V1724 — Driver Head Restraint Type | 1 | Adjustable | more |
| V1725 — Passenger Head Restraint Type | 1 | Adjustable | more |
| V1726 — Driver Head Rest Removed | 0 | No | more |
| V1727 — Passenger Head Rest Removed | 0 | No | more |
| V1728 — Driver Head Rest Adjustment | 2 | Down | more |
| V1729 — Passenger Head Rest Adjustment | 2 | Down | more |
| V1730 — Driver Head Rest Damage | 0 | None | more |
| V1731 — Passenger Head Rest Damage | 0 | None | more |
| V1732 — Driver Seat Adjustment Type | 1 | Manual | more |
| V1733 — Passenger Seat Adjustment Type | 1 | Manual | more |
| V1734 — Driver Seat Adjustment Provided | 1 | 2-way | more |
| V1735 — Passenger Seat Adjustment Provided | 1 | 2-way | more |
| V1736 — Driver Seat Adjuster Damage | 0 | None | more |
| V1737 — Passenger Seat Adjuster Damage | 0 | None | more |
| V1738 — Driver Seat Adjuster Separation | 8 | Not applicable | more |

| | | | |
|--|---|----------------|----------------------|
| V1739 — Passenger Seat Adjuster Separation | 8 | Not applicable | more |
| V1740 — Driver Seat Pre-crash Position | 1 | Forward | more |
| V1741 — Passenger Seat Pre-crash Position | 9 | Unknown | more |
| V1742 — Left Rear Seat Type | 2 | Folding | more |
| V1743 — Right Rear Seat Type | 2 | Folding | more |
| V1744 — Left Rear Seat Damaged | 0 | None | more |
| V1745 — Right Rear Seat Damaged | 0 | None | more |
| V1746 — Center Rear Armrest Damaged | 0 | No | more |
| V1747 — Left Rear Seat-back Left Lock Equipped | 1 | Yes | more |
| V1748 — Right Rear Seat-back Left Lock Equipped | 0 | No | more |
| V1749 — Left Rear Seat-back Left Lock Held | 1 | Yes | more |
| V1750 — Right Rear Seat-back Left Lock Held | 8 | Not applicable | more |
| V1751 — Left Rear Seat-back Right Lock Equipped | 0 | No | more |
| V1752 — Right Rear Seat-back Right Lock Equipped | 1 | Yes | more |
| V1753 — Left Rear Seat-back Right Lock Held | 8 | Not applicable | more |
| V1754 — Right Rear Seat-back Right Lock Held | 1 | Yes | more |
| V1755 — Left 3rd Seat Equipped | 0 | No | more |
| V1756 — Right 3rd Seat Equipped | 0 | No | more |
| V1757 — Left 3rd Seat Backrest Damaged | 8 | Not applicable | more |
| V1758 — Right 3rd Seat Backrest Damaged | 8 | Not applicable | more |

| | | | |
|---|---|----------------|----------------------|
| V1759 — Left 3rd Seat Cushion Damaged | 8 | Not applicable | more |
| V1760 — Right 3rd Seat Cushion Damaged | 8 | Not applicable | more |
| V1761 — Rear Head Restraints | 1 | Equipped | more |

Case # 344: Occupant # 1; Injury # 1

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---|----------------------|
| V2101 — Injury Number | 01 | Injury #1 | more |
| V2102 — 1st Prob Contact Area | 98 | Impact force, "whiplash", hyperextension/ compression | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 14 | Neck | more |
| V2105 — Primary OIC -aspect | 16 | Posterior/back | more |
| V2106 — Primary OIC -lesion | 20 | Strain | more |
| V2107 — Primary OIC -system/Organ | 13 | Muscles | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | NPTM1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 344: Occupant # 1; Injury # 2

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---------------------------|----------------------|
| V2101 — Injury Number | 02 | Injury #2 | more |
| V2102 — 1st Prob Contact Area | 34 | Restraint system webbing | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 19 | Shoulder | more |
| V2105 — Primary OIC -aspect | 12 | Left | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | SLCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 344: Occupant # 1; Injury # 3

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---------------------------|----------------------|
| V2101 — Injury Number | 03 | Injury #3 | more |
| V2102 — 1st Prob Contact Area | 34 | Restraint system webbing | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 03 | Chest | more |
| V2105 — Primary OIC -aspect | 12 | Left | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | CLCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 344: Occupant # 1; Injury # 4

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---|----------------------|
| V2101 — Injury Number | 04 | Injury #4 | more |
| V2102 — 1st Prob Contact Area | 98 | Impact force, "whiplash", hyperextension/ compression | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 02 | Back | more |
| V2105 — Primary OIC -aspect | 09 | Inferior/lower | more |
| V2106 — Primary OIC -lesion | 20 | Strain | more |
| V2107 — Primary OIC -system/Organ | 13 | Muscles | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | BITM1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 344: Occupant # 1; Injury # 5

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---------------------------|----------------------|
| V2101 — Injury Number | 05 | Injury #5 | more |
| V2102 — 1st Prob Contact Area | 48 | Knee restraint | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 11 | Knee | more |
| V2105 — Primary OIC -aspect | 12 | Left | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | KLCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 344: Occupant # 1; Injury # 6

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---------------------------|----------------------|
| V2101 — Injury Number | 06 | Injury #6 | more |
| V2102 — 1st Prob Contact Area | 48 | Knee restraint | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 11 | Knee | more |
| V2105 — Primary OIC -aspect | 18 | Right | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | KRCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 344: Occupant # 1; Injury # 7

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---|----------------------|
| V2101 — Injury Number | 07 | Injury #7 | more |
| V2102 — 1st Prob Contact Area | 28 | Foot controls (including parking brake pedal) | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 12 | Leg (lower) | more |
| V2105 — Primary OIC -aspect | 12 | Left | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | LLCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 344: Occupant # 1; Injury # 8

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---|----------------------|
| V2101 — Injury Number | 08 | Injury #8 | more |
| V2102 — 1st Prob Contact Area | 28 | Foot controls (including parking brake pedal) | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 12 | Leg (lower) | more |
| V2105 — Primary OIC -aspect | 18 | Right | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | LRCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 344: Occupant # 1

| Variable Number and Name | Code Value | Code Description | Other Options |
|--------------------------------------|------------|---|----------------------|
| V2001 — Occupant Number | 01 | Occupant #1 | more |
| V2002 — Occupant Role At 1st Impact | 1 | Motor vehicle driver | more |
| V2003 — Occupant Position -row | 1 | 1st row | more |
| V2004 — Occupant Position -lateral | 1 | Left | more |
| V2005 — Occupant Position -posture | 10 | Sitting on seat | more |
| V2006 — Occupant Age In Years | 29 | — | — |
| V2007 — Occupant Age In Months | 25 | 25 months or older | more |
| V2008 — Occupant Mass | 052 kg | — | — |
| V2009 — Occupant Height | 170 cm | — | — |
| V2010 — Occupant Sex | 2 | Female | more |
| V2011 — Occupant Treatment/Mortality | 02 | Treated at hospital/clinic but not admitted | more |
| V2012 — Injury Severity Score | 03 | ISS 3 | more |
| V2013 — Non-impact Med Condition | 0 | None | more |
| V2014 — Police Injury Severity | 1 | C - Possible injury | more |
| V2015 — Active Restraint System | 3 | Both lap belt and shoulder harness | more |
| V2016 — Active Restraint Usage | 3 | Both lap belt and shoulder harness | more |
| V2017 — Passive Restraint System | 1 | Air bag installed | more |
| V2018 — Passive Restraint Usage | 2 | Air bag deployed | more |
| V2019 — Child Seat Type | 88 | Not applicable (adult or older child) | more |
| V2020 — Occupant Ejection Degree | 0 | None | more |
| V2021 — Occupant Ejection Area | 98 | Not applicable (not ejected) | more |

| | | | |
|----------------------------------|---|----------------------|----------------------|
| V2022 — Highest OIC Severity | 1 | Minor | more |
| V2023 — Head Restraint Available | 1 | Equipped | more |
| V2024 — Occupant Eyewear | 0 | None | more |
| V2025 — Source of Occupant Info | 7 | Combination of above | more |

































































CARGOSPORT



















 BRAKE RELEASE

























DOMB OVRDRD

WINDOW LOCK

(P) BRAKE RELEASE